



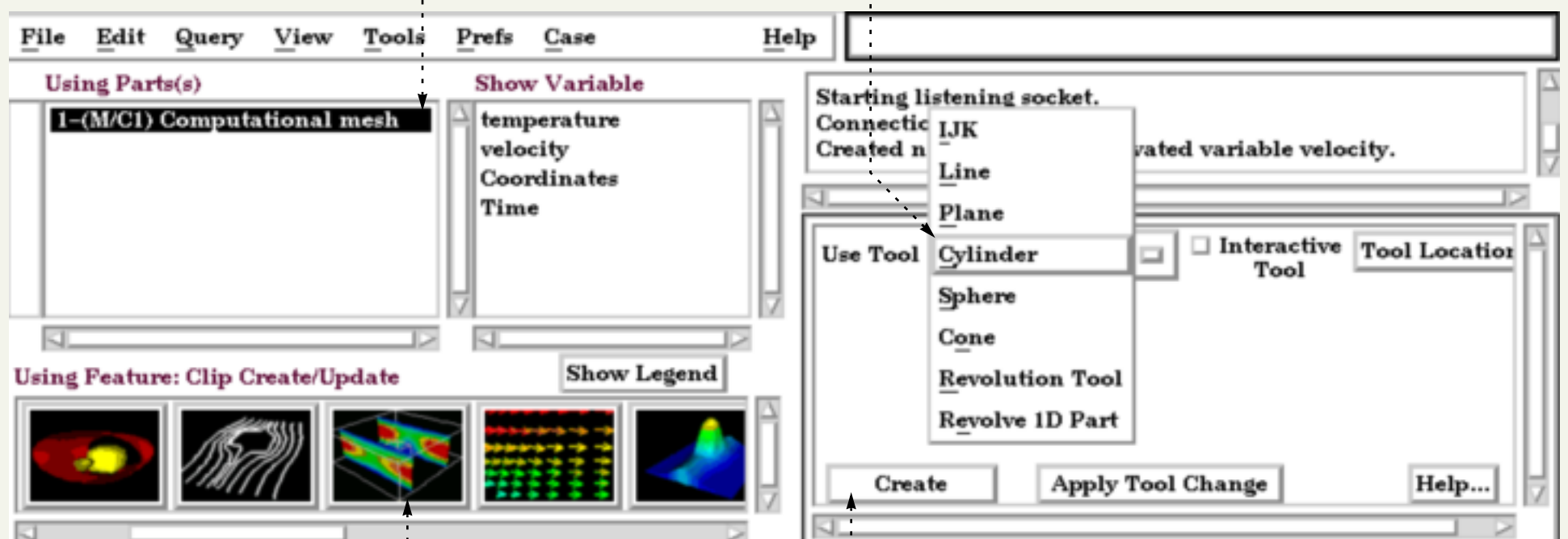
## INTRODUCTION

In addition to standard clipping planes, EnSight also provides clipping against quadric shapes. These clips use the corresponding quadric tool ([Cylinder](#), [Sphere](#), [Cone](#), [Surface of Revolution](#)) to specify the location of the clip.

As with clip planes, quadric clips can be changed interactively by manipulating the corresponding tool with the mouse.

## BASIC OPERATION

1. Select the parent part.
3. Select the desired quadric tool from the Use Tool pulldown.

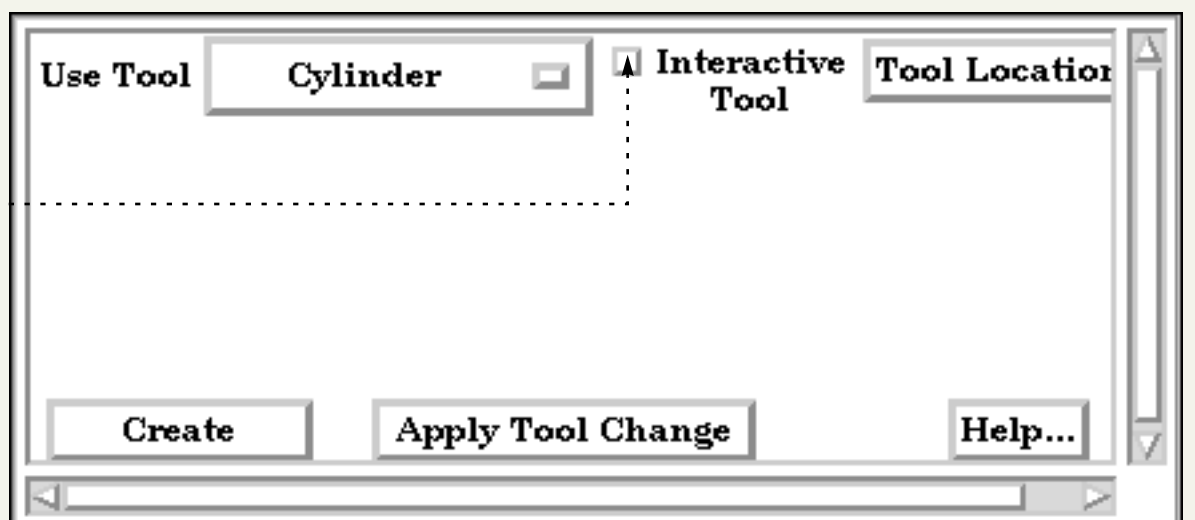


2. Click the Clip icon.
4. Position the tool as desired (see the How to for the applicable tool).
5. Click Create.

## ADVANCED USAGE

Like the other clipping tools in EnSight, quadric clips (except those created with the revolution tool) can be interactive: as you drag the applicable tool with the mouse, the clip is automatically recalculated and redisplayed. To perform interactive quadric clips:

1. Double-click the desired quadric clip part in the parts list.
2. Toggle on Interactive Tool in the Quick Interaction area.
3. Move the mouse into the Graphics Window. Click on one of the tool hotpoints (see the How to for the applicable tool) and drag the tool to the desired location.



## SEE ALSO

[Introduction to Part Creation](#), How To Use the {[Cylinder](#), [Sphere](#), [Cone](#), [Surface of Revolution](#)} Tool. Other clips: [How to Create Clip Planes](#). User Manual: [Clip Create/Update](#)